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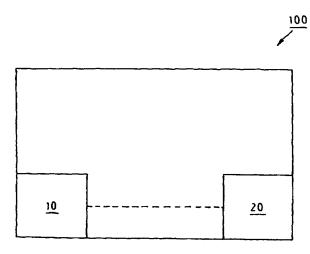
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(54) Title: MICROCONTROLLER AND ASSOCIATED METHOD FOR PROCESSING THE PROGRAMMING OF THE MICROCONTROLLER



(57) Abstract: In the programming of a microcontroller (100) carried out in at least one machine-dependent assembly language in which the assembler commands, with the exception of conditional program branches, are executable essentially independently of data,- in case of a fulfilled branch condition, for example, at least one fulfilled status flag, at least one program counter (10) is loadable with a new address and/or a new value, and- in case of an unfulfilled branch condition, for example, at least one unfulfilled status flag, the instruction is ended. To further develop said programming, together with a method for processing the programming of the microcontroller (100) carried out in at least one machine-dependent assembly language, in such a way that it is invisible from outside whether or not, in the case of a conditional program branch, said branch has actually taken place, it is proposed that, in the case of an unfulfilled branch condition, the program counter (10) is optionally re-loadable with its previous address and/or with its previous value, instead of ending the instruction.



WO 2004/049153 A2



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